



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1430
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/027,867	12/19/2001	Mikko Siikaniemi	324-010670-US(PAR)	1044
2512	7590	04/10/2006	EXAMINER	
PERMAN & GREEN 425 POST ROAD FAIRFIELD, CT 06824			TRUONG, LAN DAI T	
			ART UNIT	PAPER NUMBER

2143

DATE MAILED: 04/10/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

DETAILED ACTION

1. This action is response to communications: application, filed 12/19/2001; amendment filed 01/11/2006. Claims 1-12 are pending.

Response to Arguments

2. Applicant's argument filed 01/11/2006 has been fully considered. Applicant's arguments are persuasive. The action is withdrawn.

Claim rejections-35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in a patent granted on an application for patent by another filed in the United States before the invention thereof by the applicant for patent, or on an international application by another who has fulfilled the requirements of paragraphs (1), (2), and (4) of section 371(c) of this title before the invention thereof by the applicant for patent.

1) Claims 1-3, 5-9 and 11-12 are rejected under 35 U.S.C. 102(e) as being anticipated by Brachaman et al.(U.S. 6,374,102), "Brachaman", herein after.

Regarding to claims 1-3, 5, 7-9 and 12:

Brachaman discloses a system, which can be implemented in a computer hardware or software code for arranging data transmission in a packet radio system comprising at least one

Art Unit: 2143

mobile termination part, a terminal equipment part functionally connected thereto, and a packet radio network comprising:

Activating a first packet data protocol context between said packet radio network and mobile termination part for reception and transmission of packet-switched data: (“active call” which is equivalent to “a first packet data protocol context”: column 9, lines 1-32)

activating a second packet data protocol context between the packet radio network and the mobile termination part for a dial-up connection: (“setting up a conference call” which is shared functionality with “second context being activated”: column 9, lines 1-32)

deactivating said first context in response to said second context being activated: (“on hold” which is equivalent to “deactivating”: column 9, lines 1-32)

deactivating said second context in response to the dial-up connection being released: (column 9, lines 1-32)

Activating a third packet data protocol context, substantially conforming to said first context, in response to said second context being deactivated: (Brachaman discloses method of “recovering the previously active call” which is equivalent to “said first context”: column 9, lines 1-32)

Claim rejections-35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

2) Claims 2, 8 are rejected under 35 U.S.C 103(a) as being un-patentable over Brachaman in view of Martin et al. (WO 99,18741)

Regarding to claims 2 and 8:

Brachaman discloses the invention substantially as disclosed in claims 1 and 7, but does not explicitly teach wherein said first context is activated to the packet radio network when the mobile termination part is attached to the packet radio network in accordance with default parameters stored in advance in the mobile termination part, and said third context is activated in accordance with the same default parameters, see (Martin discloses “PLMN portion” which is equivalent to “first context”: page 2, lines 6-24)

3) Claims 3, 6, 9 and 11 are rejected under 35 U.S.C 103(a) as being un-patentable over Brachaman in view of Lord et al. (U.S. 6,763,012)

Regarding to claims 3 and 9:

In addition to rejection in claims 1 and 7, Brachaman further discloses said third context for the transmission of data of an application comprised by the mobile termination part: (Brachaman: “previously active call” which is equivalent to “page 2, lines 6-24)

However, Brachaman does not explicitly teach wherein the terminal equipment part and the mobile termination part are physically in different devices, the data of the applications comprised by which can be transmitted via the packet radio network, see (Lord discloses “the MT” which is equivalent to “mobile termination”, and “the TEs” what are equivalent to “terminal equipments” are physically in different devices, and the General Packet Radio Service (GPRS) network is equivalent to “the packet radio network”: figure 1, items 14, 12 and 18)

Thus, it would have been obvious to a person of ordinary skill in the art at the time the invention was made to combine Brachaman's ideas of activating the previous active call with Lord's system in order to provide efficiency phone system

Regarding to claims 6 and 11:

Brachaman discloses the invention substantially as disclosed in claim 1, but does not explicitly teach wherein the packet radio system is GPRS, see (Lord discloses the General Packet Radio Service (GPRS) network is equivalent to "the packet radio network": figure 1, items 14, 12 and 18)

4) Claims 4, 10 are rejected under 35 U.S.C 103(a) as being un-patentable over Brachaman in view of Forslow (U.S. 2003/0039237)

Regarding to claims 4 and 10:

Brachaman discloses the invention substantially as disclosed in claims 1 and 7, but does not explicitly teach wherein the terminal equipment part and a packet network gateway support node (GGSN) support a PPP protocol (Point to Point Protocol), whereby said second context is activated for setting up a dial-up connection between the mobile termination part and the GGSN, a PPP link is set up between the terminal equipment part and the GGSN, and data associated with an application comprised by the terminal equipment part is transmitted by means of the PPP link and said second context

However, Forslow discloses IP/PPP protocol supports the communication between mobile station and the SCSN such as dial-up connection, see (Forslow: page 7, left column, lines 10-33)

Art Unit: 2143

Thus, it would have been obvious to a person of ordinary skill in the art at the time the invention was made to combine Forslow's ideas of using IP/PPP protocol to supports the communication between mobile station and the SCSN with Brachaman's system in order to enable to establish dial-up connection, see (Forslow: page 7, left column, lines 10-33)

Conclusion


Any inquiry concerning this communication or earlier communications from the examiner should be directed to lan dai thi truong whose telephone number is 571-272-7959. The examiner can normally be reached on monday- friday from 8:30am to 5:00 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, David Wiley can be reached on (571) 272-3923. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Lan Dai Thi Truong
Examiner
Art Unit 2143

Ldt
03/31/2006


DAVID WILEY
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2100